CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

<u>**JUNIOR ENGINEERING AIDE**</u>

<u>**DEFINITION**</u>:

Under immediate supervision, to perform subprofessional engineering work of routine difficulty; and to perform related work.

* <u>EXAMPLES OF DUTIES</u>:

- As a rear chain handler in a field survey party, assists in making precise distance and elevation measurements;
- Keep rough field notes;
- Sets and marks grade stakes as directed and clears brush;
- Cleans and performs routine maintenance on survey equipment;
- Uses cloth and steel measuring tapes, Lenker and Philadelphia rods, and various hand tools;
- Makes routine field traffic investigations;
- As directed, gathers statistical data and prepares maps and charts for graphic displays;
- Assists in the maintenance of an accurate street inventory;
- Interprets and records data from street improvement plans;
- Accepts applications and issues routine engineering permits for driveways and sidewalks.

<u>**MINIMUM QUALIFICATIONS:**</u>

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

A Bachelor's degree in Architecture, Civil or Structural Engineering; <u>**OR**</u> certification as an Engineer-in-Training; <u>**OR**</u> certification in Geographic Information Systems (G.I.S.), <u>**AND**</u> completion of three semester units of college level coursework in each of the following: algebra, trigonometry, and geometry; <u>**OR**</u> one year of subprofessional engineering, drafting or G.I.S. map preparation experience, typically under the direction of a professional engineer, architect, land surveyor or information systems staff.

* EXAMPLES OF DUTIES performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.